



DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATION

(X) Original Supplemental Substitute PCT Design

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**TITLE: METHOD FOR MAKING INTEGRATED OPTICAL WAVEGUIDES AND
MICROMACHINED FEATURES**

of which is described and claimed in:

the attached specification, *or*

(X) the specification in the application Serial No. 09/862,593 filed MAY 23, 2001,
and with amendments through _____ (if applicable), *or*

the specification in International Application No. PCT/_____, filed _____,
and as amended on _____ (if applicable).

I hereby state that I have reviewed and understand the content of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 (and §172 if this application is for a Design) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

COUNTRY	APPLICATION NO.	DATE OF FILING	PRIORITY CLAIMED

I hereby claim the benefit under Title 35, United States Code, §120 and §119(e) of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	U.S. FILING DATE	STATUS: PATENTED, PENDING, ABANDONED
60/206,485	05/23/00	PENDING
NOT YET ASSIGNED	05/16/01	PENDING
09/853,250	05/09/01	PENDING

And I hereby appoint Dan A. Steinberg, Reg. No. 45,129, Martin G. Meder, Reg. No. 34,674; and Adam C. Valentine, Reg. No. 33,289, and the firm of JONES VOLENTINE, P.L.L.C., jointly and severally, attorneys to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I hereby authorize the U.S. attorneys named herein to accept and follow instructions from HALEOS, INC. as to any action to be taken in the U.S. Patent and Trademark Office regarding this application without direct communication between the U.S. attorneys and myself. In the event of a change in the persons from whom instructions may be taken, the U.S. attorneys named herein will be so notified by me.

Kindly direct all correspondence to: **JONES-VOLENTINE, P.L.L.C.**
12200 Sunrise Valley Drive
Suite 150
Reston, Virginia 20191

Telephone (703) 715-0870

Full Name of 1st Inventor	FAMILY NAME STEINBERG	FIRST GIVEN NAME Dan	SECOND GIVEN NAME A.
Residence & Citizenship	CITY Blacksburg	STATE OR COUNTRY VA	COUNTRY OF CITIZENSHIP USA
Post Office Address	ADDRESS 410 Lee Street, Blacksburg, VA 24060	CITY	STATE OR COUNTRY ZIP CODE
Full Name of 2nd Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE
Full Name of 3rd Inventor	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY	COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY ZIP CODE

Full Name of 4th Inventor	FAMILY NAME		FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY		COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE
Full Name of 5th Inventor	FAMILY NAME		FIRST GIVEN NAME	SECOND GIVEN NAME
Residence & Citizenship	CITY	STATE OR COUNTRY		COUNTRY OF CITIZENSHIP
Post Office Address	ADDRESS	CITY	STATE OR COUNTRY	ZIP CODE

I further declare that all statements made herein of my own knowledge are true, and that all statements on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

1st Inventor

Dan A. STEINBERG

Date

7/18/01

2nd Inventor

Date

3rd Inventor

Date

4th Inventor

Date

5th Inventor

Date

Applicant Reference No.: ACT.135 Atty Docket No.: ACT.004